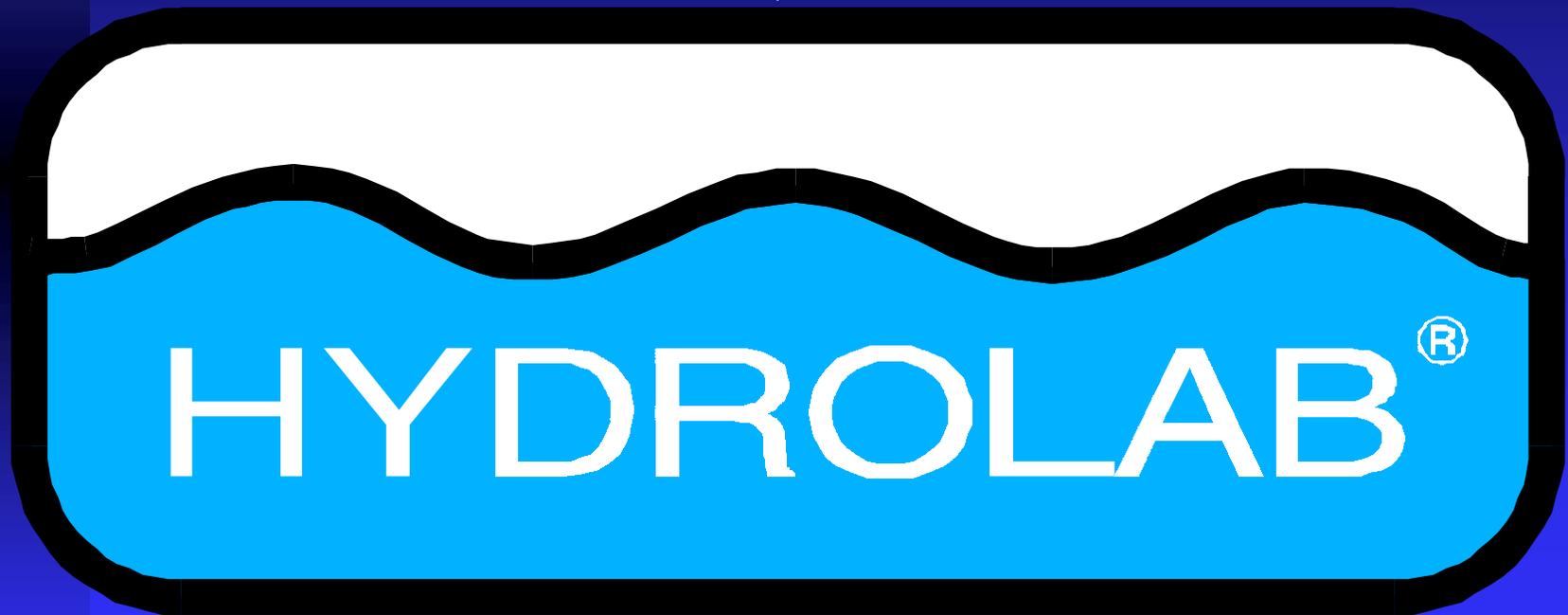




Cost Effective Water Quality Monitoring

Presented by

Jason Harrington
Hydrolab Corporation
Austin, Texas



Water Quality Monitoring Instrumentation

Hydrolab Corporation



- 43rd year of providing advanced reliable field water quality monitoring instruments.
- Garner Family - Start up in 1957 with Fisherman's Friend
- The Company
 - We pride ourselves on technological advances and listening to customers for the past 40 plus years to find their needs and design new products to meet or exceed those needs
 - We back all of our products with exceptional customer service and technical support
- Worldwide company with instruments in every conceivable application

- ◆ *Quanta*
- ◆ *Quanta G*
- ◆ *MiniSonde*
- ◆ *DataSonde*
- ◆ *Surveyor*
- ◆ *Profiler*

Hydrolab People



- ◆ *Experience*
- ◆ *Service*
- ◆ *Trust*



- ◆ *Friendly*
- ◆ *Knowledgeable*

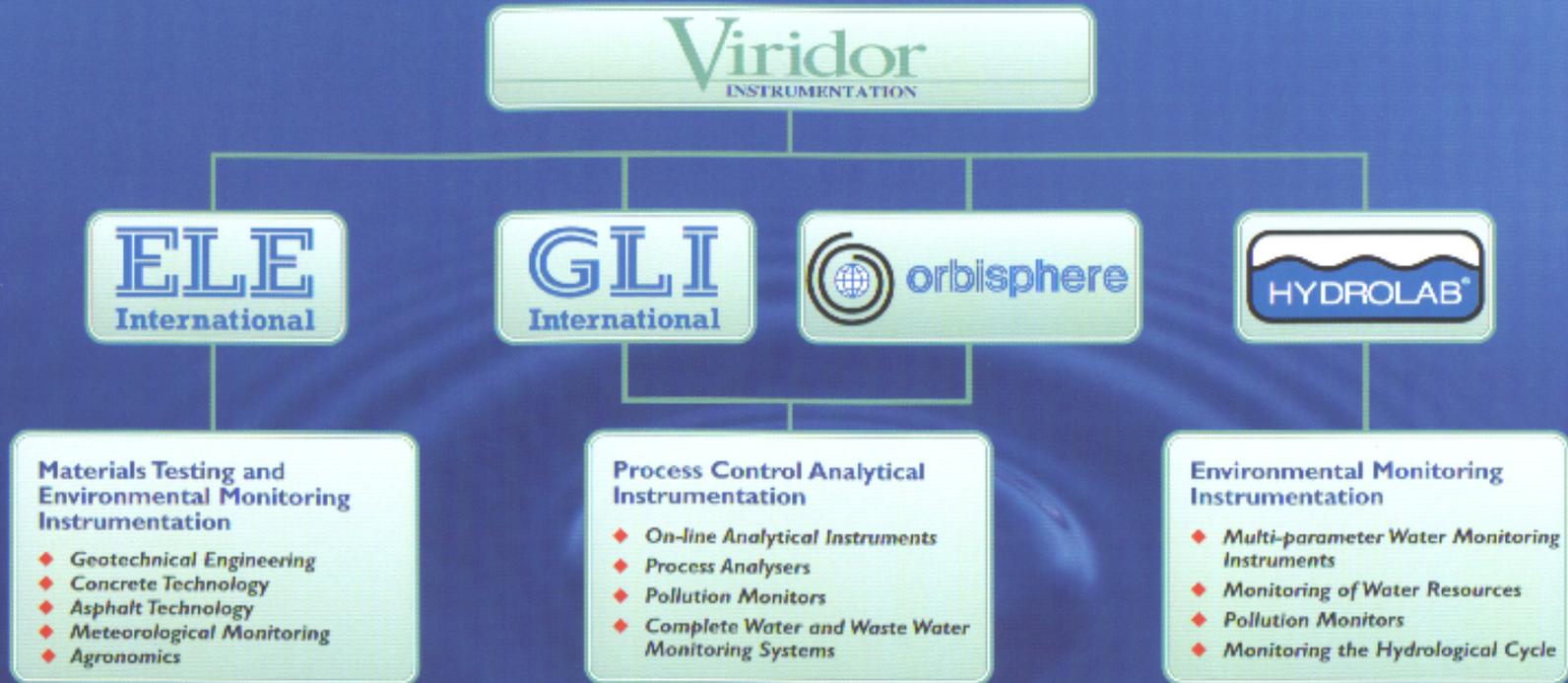
Viridor Instrumentation Group



- Dedicated to the World's Water Resources
- 30% Annual Growth Rate
- Subsidiary of the Pennon Group - Over \$2 billion in assets

Viridor

INSTRUMENTATION



Viridor Instrumentation companies are leading manufacturers of high quality monitoring and analytical equipment, offering customers worldwide unrivalled service and experience in the following disciplines:

- Water and Waste Water
- Environmental Monitoring
- Process Control
- Agricultural
- Civil Engineering
- Education and Research Related Markets

Benefits of Viridor Instrumentation Group



- Shared research and development
- Faster, Better, Cheaper
- Financial backing to support new projects and technologies
- International recognition



Hydrolab Corporation

Austin, Texas





Hydrolab Firsts

- Multi-parameter water quality instrument
- Submersible unattended multi-probe
- Submersible pH sensor
- 1.75" unattended multi-probe
- In-situ field turbidity sensor
- Two-year sensor warranties
- First to incorporate GPS and barometric pressure

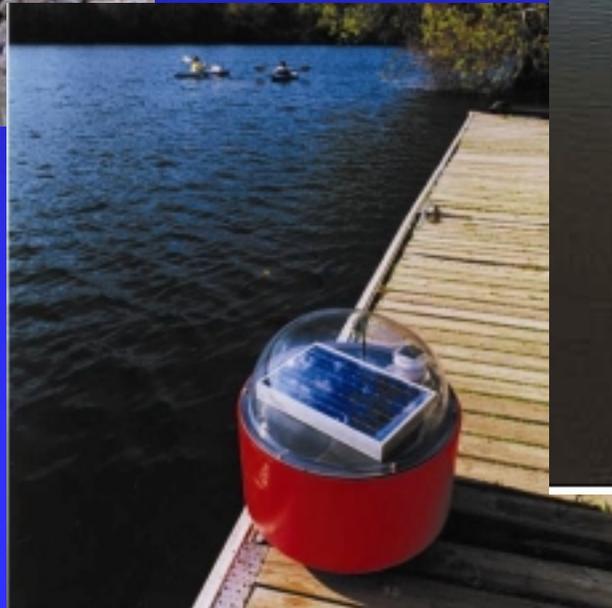
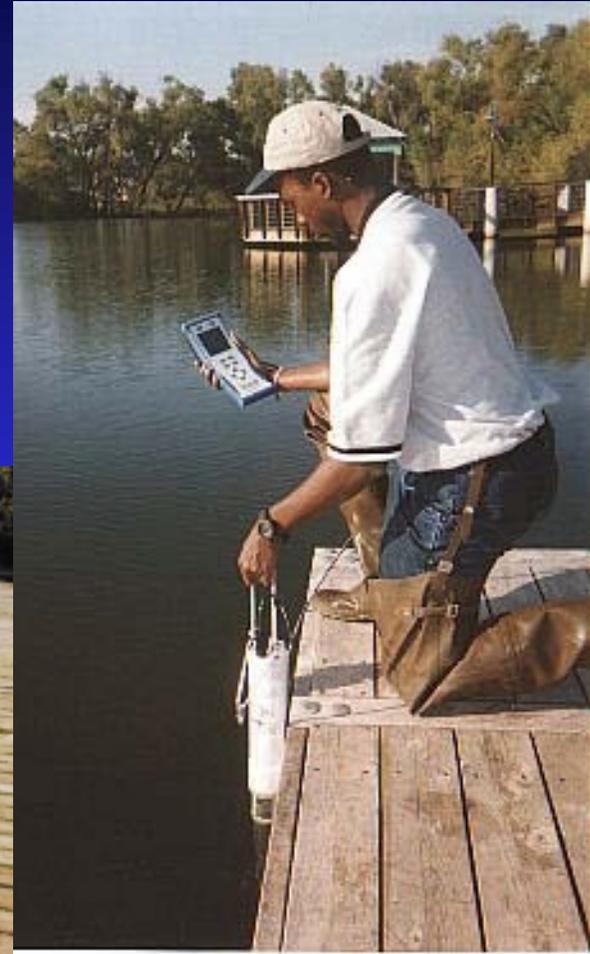
Hydrolab Water Quality Monitoring Instruments



- Over 40 years experience
- Fresh, sea, and polluted water
- Surface and ground water
- Remote and attended monitoring



Deployments



Sensor Technology



- The basis for any professional water quality study is reliable data - and that means using reliable sensors and methodologies.
- Hydrolab's sensor technology has been used successfully in the field for decades.

Reliable Sensors & Methodologies



- Temperature
- Specific Conductance
- pH
- Dissolved Oxygen
- Depth
- ORP

◆ *Two Year Sensor Warranty*

Sensors cont....

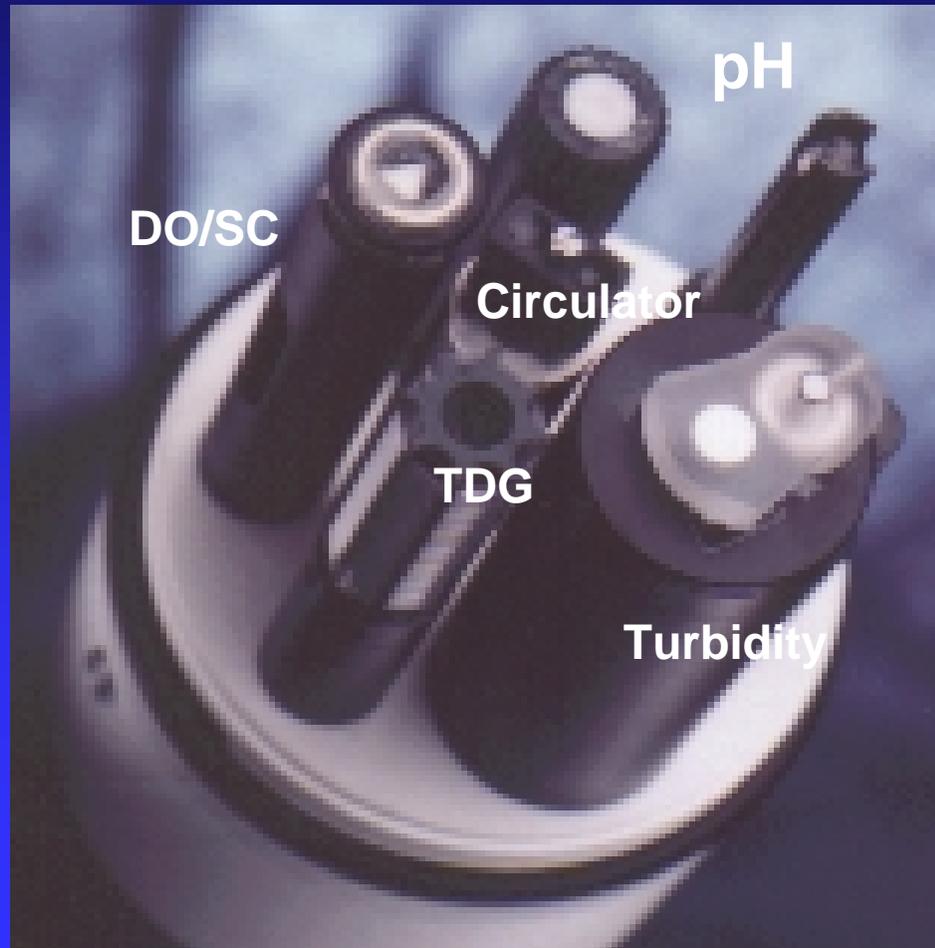


◆ Sensor Flex

- Shuttered Turbidity (Patented)
- Chlorophyll
- Ambient Light (PAR)
- Transmissivity
- Ammonium
- Nitrate
- Chloride

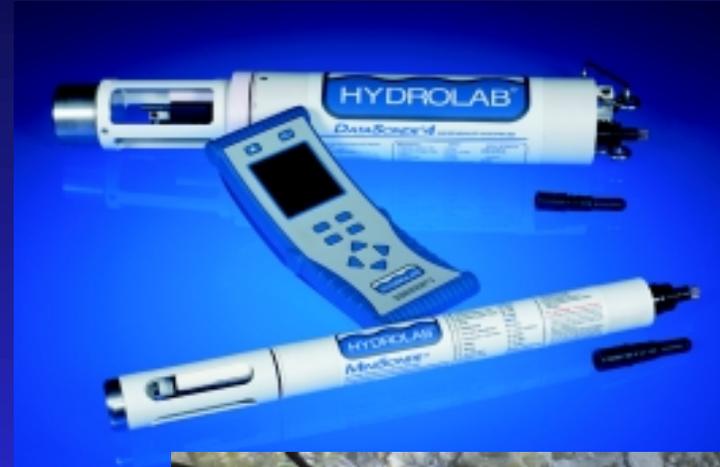
*◆ Two Year Sensor
Warranty*

Superior Sensor Technology



Hydrolab Products

- Series 4a
 - MiniSonde
 - DataSonde
 - Surveyor 4a
- Quanta Series



- ◆ *Quality*
- ◆ *Reliability*
- ◆ *Technology*
- ◆ *Support*

Hydrolab Series 4a Product Line



- Durable and Reliable
- Greater Flexibility
- Increased Performance



◆ *Two Technology Patents*

The Hydrolab Quanta



- Compact, light-weight design
- Six parameters
- Reliable
- Easy-to-use
- Affordable



Quanta Sensors

- Temperature
- Dissolved oxygen
- Conductivity
- pH
- LIS pH
- ORP
- Depth
- **NEW! Vented level
0.01 ft. (3 mm)
accuracy**



◆ *3-Year Sensor Warranties*

Quanta - Reliable

- Shatterproof Housing
- Waterproof Display
- Over 12 hours of battery life
- **THREE YEAR WARRANTY**



Quanta - Easy-to-Use

- Display shows five readings
- Hot key to circulator
- Calibration is a snap
- Intuitive menu system
- Store up to 100 data frames for review
- First time start up in 30 minutes or less



Quanta - Affordable

◆ 3-Year Warranty

- Low product cost
- Low maintenance costs
- Optional Accessories
 - backpack
 - flow cell
 - neck strap
 - secchi disk



Additional Features

- Real Time Data
- Online Data
- SDI interface - allows it to be connected to 3rd party data-loggers
- Easy to use
- Low Cost
- Monitors up to 100 meters depth



The Hydrolab Quanta-G



- Six parameters
- Fits 2" Well
- Reliable
- Easy-to-use
- Affordable

- Release
October 2000



Quanta-G Sensors

- Temperature
- Dissolved oxygen
- Conductivity
- pH
- ORP
- Depth
- **NEW! Vented level - 0.01 ft. (3 mm) accuracy**



◆ *3-Year Sensor Warranties*

The Hydrolab Advantage



- People
- Superior Sensor Technology
- Most Reliable Water Quality Data
- Leading Warranties
- Best After Sale Support
- 40 years of water quality monitoring experience
- More to Come

- ◆ *MiniSonde*
- ◆ *Surveyor*
- ◆ *Quanta*

What are they looking for???



- Treasure
- Fish
- MiniSonde
- Boat Key



Answer: MiniSonde

www.Hydrolab.com